Hazardous Materials Safety Administration

IAEA CERTIFICATE OF COMPETENT AUTHORITY SPECIAL FORM RADIOACTIVE MATERIALS CERTIFICATE USA/0192/S-96, REVISION 6

East Building, PHH-23 1200 New Jersey Avenue SE Washington, D.C. 20590

This certifies that the source described has been demonstrated to meet the regulatory requirements for special form radioactive material as prescribed in the regulations of the International Atomic Energy Agency¹ and the United States of America² for the transport of radioactive material.

- 1. <u>Source Identification</u> Isomedix Model No. ISO-1000 (Manufactured prior to June 30, 1998).
- 2. <u>Source Description</u> The source is a welded double encapsulation constructed of Type 304L stainless steel. Outer dimensions are 1.26 cm (0.497 in.) diameter and 21.13 cm (10.68 in.) length. Construction shall be in accordance with attached Union Carbide Corporation Drawing No. C-SK1887 (2 pages).
- 3. <u>Radioactive Contents</u> No more than 26.64 TBq (720 Ci) of Cesium-137 as cesium chloride powder.
- 4. Quality Assurance Records of Quality Assurance activities required by Paragraph 310 of the IAEA regulations shall be maintained and made available to the authorized officials for at least three years after the last shipment authorized by this certificate. Consignors in the United States exporting shipments under this certificate shall satisfy the applicable requirements of Subpart H of 10 CFR 71.
- 5. Expiration Date This certificate expires on February 28, 2013.

<sup>&</sup>lt;sup>1</sup> "Regulations for the Safe Transport of Radioactive Material, 1996 Edition (Revised), No. TS-R-1 (ST-1, Revised)," published by the International Atomic Energy Agency(IAEA), Vienna, Austria.

<sup>&</sup>lt;sup>2</sup> Title 49, Code of Federal Regulations, Parts 100-199, United States of America.

## CERTIFICATE USA/0192/S-96, REVISION 6

This certificate is issued in accordance with paragraph 804 of the IAEA Regulations and Section 173.476 of Title 49 of the Code of Federal Regulations, in response to the February 06, 2008 petition by J.L. Shepherd, San Fernando, CA, and in consideration of other information on file in this Office.

Feb 11 2008

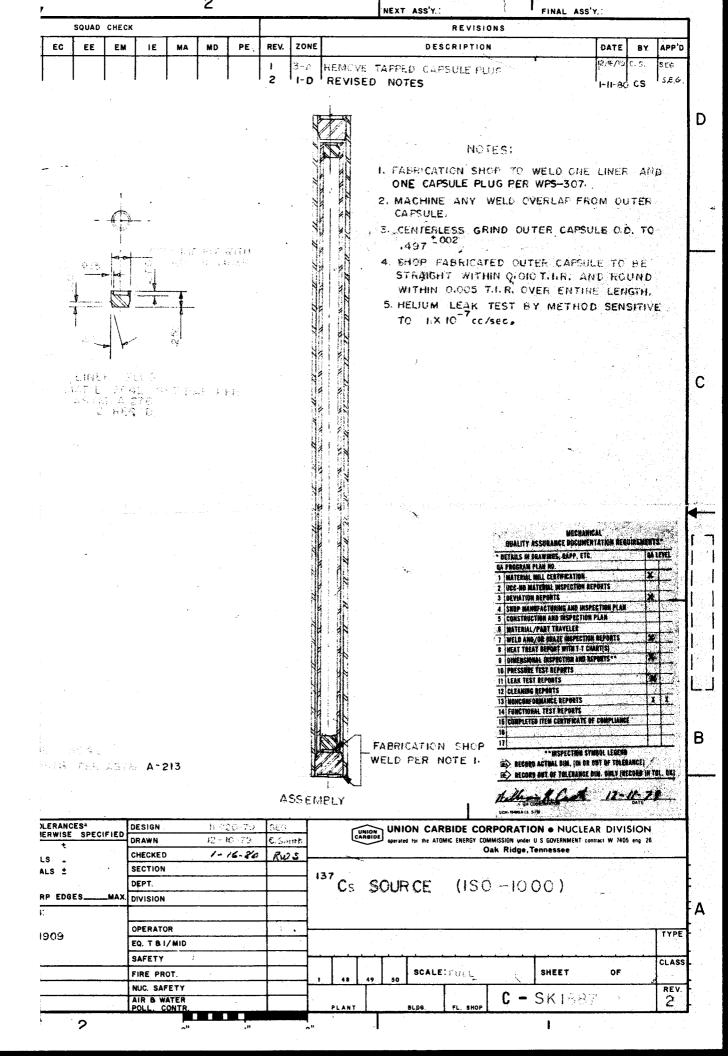
(DATE)

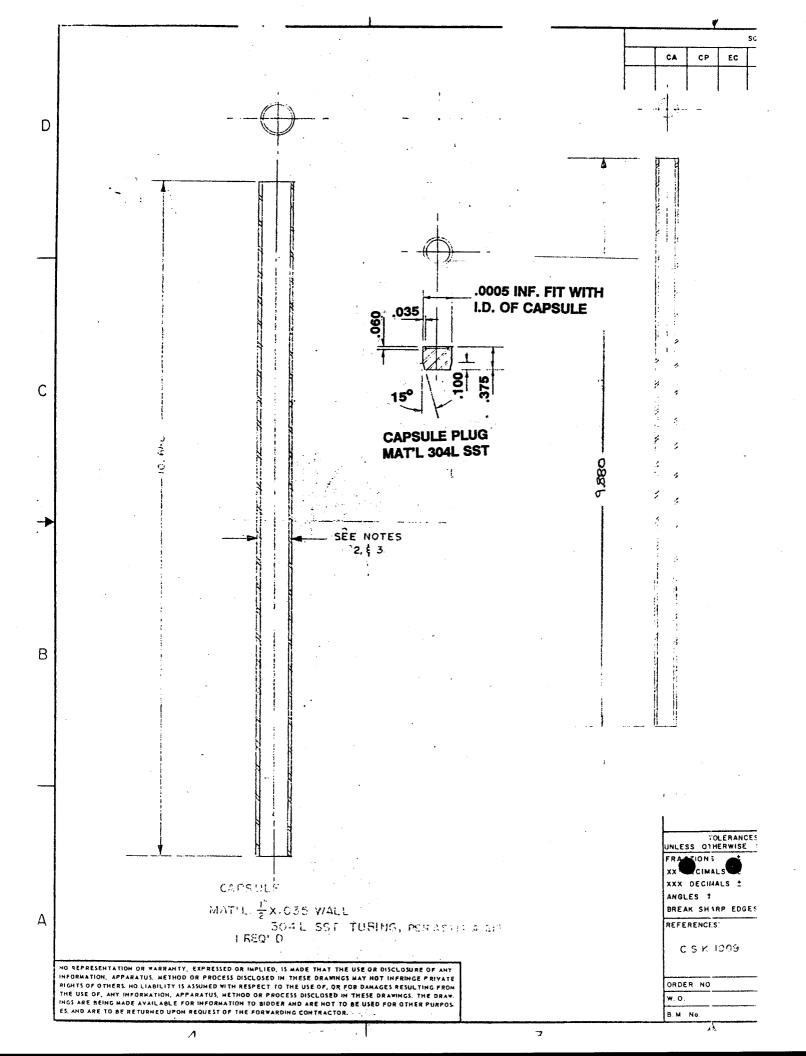
Certified By:

Robert A. Richard

Deputy Associate Administrator for Hazardous Materials Safety

Revision 6 - Issued to extend the expiration date.









Pipeline and Hazardous Materials Safety Administration

CERTIFICATE NUMBER: USA/0192/S-96, Revision 6

## **ORIGINAL REGISTRANT(S):**

Ms. Mary Shepherd Vice President J.L. Shepherd 1010 Arroyo Ave. San Fernando, 91340-1822 USA

## **REGISTERED USER(S):**

Mr. Marc-Andre Charette Manager, Regulatory Affairs MDS Nordion 447 March Road Ottawa, K2K 1X8 CANADA

Luc Desgagne Senior Licensing Coordinator MDS Nordion 447 March Road Ottawa, Ontario K2K 1X8 CANADA

Mr. Marc-Andre Charette Manager, Regulatory Affairs MDS Nordion 447 March Road Ottawa, K2K 1XB CANADA